GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY
(Accredited by NAAC "A+" Grade)
DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS
Semester-IV
DATA WAREHOUSING AND DATA MINING
MODEL QUESTION PAPER

Time: 2 ½ Hrs.   **Max Marks: 50**

SECTION - I

Answer any FIVE Questions   **5 X 3= 15M**

1. What are the advantages of data warehouse?

2. Explain about Data Discretization.

3. Write a short note on star schema.

4. What is an association? Write a short note about association rule mining.

5. Write about Support Vector Machines.

6. Explain about cluster Analysis.

7. Discuss about the Grid-Based Methods.

8. Write a short note on Spatial Data Mining.

SECTION - II

Answer Following Questions   **5 X 7 = 35M**

9. Draw and explain the three tier data warehouse architecture?

(OR)

10. Explain about OLAP.

11. Explain different data pre- processing techniques.

(OR)

12. Write and explain the APRIORI algorithm with an example?

13. Discuss in detail about the decision tree induction algorithm.

(OR)

14. Explain the following

i) Bayesian Classification

ii)Rule Based Classification.

15.Explain in detail about the categories of major clustering methods.

(OR)

16.Explain about the Outlier Analysis

17.Explain about Text mining.

(OR)

18.Explain about Multimedia Data mining.